

Claims

- [c1] A method of regenerating an immunosensor comprising the step of applying at least one electrical pulse to a bound antibody-antigen complex whereby the complex debinds responsive to the at least one pulse.
- [c2] The method of claim 1, wherein the immunosensor further comprises a flexural plate wave sensor.
- [c3] An electrophoretic manipulator for the regeneration of an immunosensor, the manipulator comprising an electrical pulse applicator adapted to apply at least one electrical pulse to the surface of an immunosensor having a bound antibody-antigen complex whereby the complex debinds responsive to the at least one pulse.
- [c4] The electrophoretic manipulator of claim 3, further comprising wireless transmission and reception.
- [c5] The electrophoretic manipulator of claim 3, wherein the immunosensor further comprises a flexural plate wave sensor.